COUNTY COUNCIL OF DUNBARTON.

Twentieth Annual Report

on the

MEDICAL INSPECTION OF SCHOOL CHILDREN.

1930-1931.
(Year ending 31st July, 1931)

KIRKINTILLOCH
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PREFACE.

To the County Council
of the County of Dunbarton.

LADIES AND GENTLEMEN,

I beg to submit the Twentieth Annual Report on the Medical Inspection of children attending schools within the County.

This report has been compiled by the Medical Officers and shows in tabular form the work which has been done during the year.

The Medical Officer of Health for the Burgh of Dumbarton, has, for the first time, dealt with the schools within the burghal area. Figures relating to this area will be found throughout the various tables.

The new arrangement has worked satisfactorily and has made it possible to reorganise to some extent the work of the two other Assistant Medical Officers, who now do a certain amount of agreed upon Public Health work, in addition to their previous duties in connection with the schools.

In the preface to my last report I referred to four matters which might receive consideration. Two of these matters are now in hand; firstly, the provision of Orthopaedic Clinics which have now very nearly reached completion; and secondly, the provision of a health centre at Kirkintilloch. This health centre and clinic has now been commenced and will probably be ready towards the end of next summer. In view of the need for economy the other two points will probably be left over in the meantime, although the utilisation of Dentists and Dental Attendants, during part of the holiday periods, is at present being considered.

I am,

Your obedient Servant,

THOMAS LAUDER THOMSON, M.D., D.P.H.

88 COLLEGE STREET,
DUMBARTON, October, 1931.

County Council of Dunbarton.

SCHOOL MEDICAL STAFF.

Supervising School Medical Officer.

T. LAUDER THOMSON, M.D., D.P.H.

School Medical Officers.

MILDRED M. L. CATHELS, M.B., D.P.H.
ANDREW D. COWAN, M.B., D.P.H.
CHARLES C. SLORACH, M.B., D.P.H.

Dental Surgeons.

ALFRED C. S. MARTIN, L.D.S.
ELIZABETH M'KENDRICK, L.D.S.
VERA PUGH, L.D.S.
M. WYDNER, L.D.S. (part-time).

Ophthalmic Surgeon.

JAMES N. TENNENT, M.B., D.O.M.S., B.Sc. (part-time).

Ear, Nose, and Throat Specialist.

JAMES KERR LOVE, M.D. (part-time).

Dermatologist.

J. GOODWIN TOMKINSON, M.D. (part-time).

Inspection and Clinic Nurses.

M. GILMOUR. E. LYLE.
C. M. JEFFREY. E. YULE.
S. DOUGHERTY. E. STEVENSON.
J. SCOTT.

Nurses for Special Schools.

J. L. THOMSON. J. MACDONALD.

Dental Attendants.

ANNIE RAE. MARION A. W. JAMIESON.
*BENJAMIN M'PHEE. †WILLIAM SMITH
‡HENRY M'MANUS.

Clerks

GEORGE S. BROWNE.
AGNES M'M. KENNEDY.

*Benjamin M'Phee, resigned 15th August, 1930.
†William Smith, appointed 8th September, 1930; resigned 15th November, 1930.
‡ Henry M'Manus, appointed 17th November, 1930.

REPORT

ON THE

MEDICAL INSPECTION AND TREATMENT OF SCHOOL CHILDREN IN THE COUNTY OF DUNBARTON.

1.—List of Staff.

See page 4.

2.—(a) Number of Schools.

School Management Area.	
Cumbernauld,	6
Kirkintilloch,	6
New Kilpatrick,	5
Old Kilpatrick,	12
Dumbarton,	8
Vale of Leven,	11
Helensburgh,	13
Total,	61

(b) Number of Children on Register and in Average Attendance during Session 1930-31.

School Management Area.	Average on Roll.	Average Attending.	Per Cent.
Cumbernauld,	924·8	833·0	90·1
Kirkintilloch,	3,388·5	3,102·9	91·6
New Kilpatrick,	1,354·4	1,244·1	91·9
Old Kilpatrick,	10,181·8	9,226·0	90·6
Dumbarton,	4,959·3	4,563·5	92·0
Vale of Leven,	3,812·1	3,473·3	91·1
Helensburgh,	1,664·9	1,501·2	90·2
Total,	26,285·8	23,944·0	91·1

3.—Number of Visits for Systematic Examination.

NOTE.—One whole day spent in school counts as two visits (morning and afternoon sessions).

Number of visits as above, ... 510

4.—Number of Special Visits by Medical Officers.

For re-examination of defective children, . .	12
For examination of backward or mentally or physically defective children, ...	98
For examinations for employment licences, . .	2
Attendances at Clinics, ...	345
Attendances for office work, etc., ...	54

5.—Sanitary Condition of Schools.

During the year the lavatories at several schools were completely remodelled. The work included taking out all defective woodwork, and the removal of the old and obsolete sanitary fittings, which have been replaced by a modern type of wash-down closet. The new installations are proving very satisfactory, and when the remainder of this work has been done at various other buildings the lavatory accommodation at the schools in Dumbartonshire will be as sanitary and modern as it is possible to make them.

The lavatories at the following schools were done during the year 1930-31 :—

Cardross Public School	...	Girls' Lavatories.
St. Martin's R.C. Do.		
Renton ...	...	Do. Do.
Milngavie Public Do.	...	Infants' Do.
Drumglass Do. Do.	...	Boys' and Girls' Lavatories.

The wash-hand basins in the cloakrooms at West Bridgend Public School and High Street Special School, Dumbarton, were found to be most unsatisfactory, and the old galvanised iron fittings have been replaced by modern enamelled vitreous fireclay basins.

At many of the schools the old type of iron Kennedy drinking wells are still in use and the Committee have been

replacing these from time to time by modern hygienic drinking fountains. During the Vacation Period in 1930 new fountains were supplied and erected at the following schools :—

St. Joseph's R.C. School, Helensburgh.
Renton Public School.
Our Holy Redeemer's R.C. School, Clydebank.
Boquhanran Public School, Clydebank.
Knoxland Public School, Dumbarton.
Milngavie Public School, Milngavie.

When visiting the schools the attention of the Committee was drawn to the fact that no water supply had been installed in Glenmallon Annexe, and the Committee agreed to fit up a wash-hand basin with the necessary water and drainage connections.

The Committee's attention was also drawn to the shortage of lavatory accommodation for boys at Hermitage H.G. School, Helensburgh. This difficulty was overcome by converting a large store-room into additional lavatory accommodation.

The large and important question of cross ventilation in many of the older buildings has been engaging the attention of the Committee for some time, and during the Summer Vacation the opportunity was taken to provide opening parts and hopper sashes in the windows of several schools.

A considerable amount of painter work has again been done, and all outside lavatories, heating chambers, stores and outhouses have been limewashed as in former years.

6.—A, B, C, D, and E.—Organisation and Administration, etc., and Co-operation with Public Health Departments.

The scheme for administration is fully described in the 1928-29 Report, pages 44-54.

During the year certain alterations have taken place in the scheme in connection with the Local Government (Scotland) Act, 1929. Dr. Slorach, the Medical Officer for the Burgh of Dumbarton, became an assistant under the County scheme on May 16th, 1930. He thereafter took over the medical inspection in all the schools in the Burgh and the medical treatment of minor ailments at the Clinic in the old Academy in Church Street, Dumbarton.

A further adjustment was made so as to correlate to some extent the Public Health work with the school work by Dr. Cathels taking over the work at the Ultra-Violet Ray Clinics in Alexandria and Helensburgh, while it was arranged that

Dr. Cowan should act as Medical Officer to the Child Welfare Clinic at Kirkintilloch. In order to equalise the school work there was a rearrangement as between Dr. Cowan and Dr. Cathels regarding the numbers of schools and clinics under their supervision.

The only alteration in staff during the year was that Benjamin M'Phee, Dental Attendant, resigned on 15th August. His place was taken by William Smith, who was appointed on 8th September and resigned on 15th November. Thereafter Henry M'Manus was appointed on 17th November.

6.—F. Parents Present at Inspection.

School Management Area.	Number of Children Examined.	No. of Parents Present at Routine Examinations.	Per Cent.	No. of Parents Present at Non-Routine Examinations
Cumbernauld, ...	269	76	28·2	14
Kirkintilloch, ...	978	376	38·4	19
New Kilpatrick, ...	387	172	44·4	4
Old Kilpatrick, ...	3044	1456	47·8	482
Dumbarton, ...	1445	510	35·3	261
Vale of Leven, ...	1166	625	53·6	417
Helensburgh, ...	454	176	38·7	176
Total, ...	7743	3391	43·7	1373

It is interesting to note that the number of parents present at the inspections has steadily increased from 3 per cent. in 1911-12 to the present figure.

7.—The Physical Condition of the School Children.

A.—Total Number of Children Examined.

SCHOOL MANAGEMENT AREA.	ROUTINE CASES.																			NON-ROUTINE
	Entrants.				Age 8.				Age 12.				Age 16.				Total.			
	Aver. Age.	Boys.	Girls.	Total.	Aver. Age.	Boys.	Girls.	Total.	Aver. Age.	Boys.	Girls.	Total.	Aver. Age.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	
Cumbernauld,	5 8/12	57	59	116	8 8/12	51	53	104	12 [illegible]	27	22	49	..	..	..	..	135	134	269	65
Kirkintilloch,	5 4/12	148	133	281	8 8/12	147	183	330	12 7/12	186	156	342	16 9/12	11	14	25	492	486	978	143
New Kilpatrick,	5 7/12	70	81	151	8 10/12	80	47	127	12 6/12	55	44	99	16 10/12	4	6	10	209	178	387	55
Old Kilpatrick,	5 6/12	513	554	1067	8 10/12	517	545	1062	12 3/12	428	454	882	16 8/12	21	12	33	1479	1565	3044	1019
Dumbarton,	5 9/12	229	237	466	8 6/12	202	209	411	12 5/12	244	248	492	16 4/12	36	40	76	711	734	1445	506
Vale of Leven,	6	213	222	435	8 6/12	247	199	446	12 4/12	132	139	271	16 4/12	9	5	14	601	565	1166	612
Helensburgh,	5 10/12	76	71	147	8 7/12	90	84	174	12 4/12	63	52	115	16 5/12	10	8	18	239	215	454	290
Total,	5 8/12	1306	1357	2663	8 8/12	1334	1320	2654	12 4/12	1135	1115	2250	16 6/12	91	85	176	3866	3877	7743	2690

7.—D. Clothing.

School Management Area.		No. of Routine cases examined.	SUFFICIENCY.							REPAIR.							CLEANLINESS.						
			Good.		Medium.		Bad.		Non-Routine.	Good.		Medium.		Bad.		Non-Routine.	Good.		Medium.		Bad.		Non-Routine.
			No.	%	No.	%	No.	%	Bad.	No.	%	No.	%	No.	%	Bad.	No.	%	No.	%	No.	%	Bad.
Cumbernauld,	Boys,	135	135	100·0	..	..	..	..	..	130	96·3	5	3·7	..	..	..	134	99·3	..	..	1	0·7	..
	Girls,	134	134	100·0	..	..	..	..	..	133	99·3	1	0·7	..	..	..	133	99·3	1	0·7	..	..	..
	Total,	269	269	100·0	..	..	..	..	..	263	97·8	6	2·2	..	..	..	267	99·3	1	0·3	1	0·4	..
Kirkintilloch,	Boys,	492	492	100·0	..	..	..	..	..	486	98·8	5	1·0	1	0·2	..	480	97·6	12	2·4	..	..	..
	Girls,	486	486	100·0	..	..	..	..	..	485	99·8	1	0·2	..	..	..	481	99·0	5	1·0	..	..	..
	Total,	978	978	100·0	..	..	..	..	..	971	99·3	6	0·6	1	0·1	..	961	98·3	17	1·7	..	..	1
New Kilpatrick,	Boys,	209	209	100·0	..	..	..	..	..	208	99·5	1	0·5	..	..	..	208	99·5	1	0.5	..	..	..
	Girls,	178	178	100·0	..	..	..	..	..	178	100·0	..	..	..	..	..	178	100·0	..	..	..	..	..
	Total,	387	387	100·0	..	..	..	..	..	386	99·8	1	0·2	..	..	..	386	[illegible]	1	0·2	..	..	..
Old Kilpatrick,	Boys,	1479	1476	99·8	2	0·1	1	0·1	..	1369	92·6	105	7·1	5	0·3	..	1401	94·8	76	5·1	2	0·1	..
	Girls,	1565	1560	99·7	4	0·2	1	0·1	..	1448	92·6	115	7·3	2	0·1	..	1485	94·9	79	5·0	1	0·1	..
	Total,	3044	3036	99·7	6	0·2	2	0·1	..	2817	92·6	220	7·2	7	0·2	..	2886	94·9	155	5·0	3	0·1	..
Dumbarton,	Boys,	711	710	99·9	..	..	1	0·1	..	625	87·9	74	10·4	12	1·7	..	626	88·5	75	10·5	10	1·4	..
	Girls,	734	731	99·6	3	0·4	..	..	..	676	92·2	54	7·3	4	0·5	..	693	91·5	37	5·0	4	0·5	..
	Total,	1445	1441	99·6	3	0·2	1	0·1	..	1301	90·1	128	8·8	16	1·1	..	1319	91·4	112	7·7	14	0·9	2
Vale of Leven,	Boys,	601	599	99·6	1	0·2	1	0·2	..	515	85·7	81	13·5	5	0·8	..	553	92·0	47	7·8	1	0·2	..
	Girls,	565	563	99·7	2	0·3	..	..	..	464	82·2	99	17·5	2	0·3	..	511	90·5	50	8·8	4	0·7	..
	Total,	1166	1162	99·7	3	0·2	1	0·1	..	979	84·0	180	15·4	7	0·6	..	1064	91·3	97	8·3	5	0·4	3
Helensburgh,	Boys,	239	239	100·0	..	..	..	..	..	214	89·5	25	10·5	..	..	..	228	95·4	11	4·6	..	..	..
	Girls,	215	215	100·0	..	..	..	..	..	192	89·3	23	10·7	..	..	..	204	94·9	10	4·6	1	0·5	..
	Total,	454	454	100·0	..	..	..	..	..	406	89·4	48	10·6	..	..	..	432	95·2	21	4·6	1	0·2	4
Total,	Boys,	3866	3860	99·8	3	0·1	3	0·1	..	3547	91·8	296	7·6	23	0·6	..	3630	93·9	222	5·7	14	0·4	..
	Girls,	3877	3867	99·7	9	0·2	1	0·1	..	3576	92·3	293	7·5	8	0·2	..	3685	95·1	182	4·7	10	0·2	..
	Total,	7743	7727	99·8	12	0·1	4	0·1	..	7123	92·1	589	7·5	31	0·4	..	7315	94·5	404	5·2	24	0·3	10

7.—B. Number of Children notified to Parents as suffering from Defects.

School Management Area.		Cumbernauld.			Kirkintilloch.			New Kilpatrick.			Old Kilpatrick.			Dumbarton.			Vale of Leven.			Helensburgh			Total.		
Number of Routine Cases examined, ..		269			978			387			3044			1445			1166			454			7743		
Card.	Defect.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
A.	Vermin or Nits on Head, ..	7	2·6	..	30	3·1	1	2	0·5	..	222	7·3	1	225	15·6	..	145	12.0	..	28	6·0	..	659	8·5	2
G.	Vermin on Clothing, ...	..	..	..	..	..	..	..	..	..	7	0.2	..	..	..	1	1	0·1	1	2	0·4	..	10	0·1	2
J.	Unsatisfactory Footgear, ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
K.	Unsatisfactory Clothing, ..	..	..	..	..	..	..	..	..	..	17	0·5	..	5	0·3	2	16	1·4	..	4	0·9	..	42	0.5	2
D.	Tonsils and Adenoids, ...	8	2·9	2	19	1·9	1	2	0·5	5	177	5·8	72	75	5·2	6	95	8·1	78	46	10·1	18	422	5·4	182
E.	Ear Disease, ...	2	0·7	..	..	...	..	1	0·2	..	6	0·2	8	2	0·1	..	1	0·1	1	3	0·7	..	15	0·2	9
H.	Defective Vision and Eye Disease,	10	3·7	10	28	2·8	16	4	1·0	2	132	4·3	89	118	7·2	..	71	6·1	60	36	7·9	30	399	5·1	207
U.M.T.	Already under Treatment, ..	1	0·4	3	12	1·2	2	9	2·3	1	41	1·3	7	1	0·1	..	17	1·4	1	8	1·8	..	89	1·1	14
P.A.	Parents Advised, ...	15	5·5	14	114	11.4	19	28	7·2	4	769	25·3	482	281	19·4	261	619	53·1	417	179	39·4	176	2005	25·8	1373
	Total, ...	43	..	29	203	..	39	46	..	12	1371	..	659	707	..	270	965	..	558	306	..	224	3641	..	1791

7.—E. Footgear.

SCHOOL MANAGEMENT AREA.		Number Examined.	ROUTINE CASES. Good. Number.	Good. %	Medium. Number.	Medium. %	Bad. Number.	Bad. %	None. Number.	None. %	NON-ROUTINE. Bad.	NON-ROUTINE. None.
Cumbernauld,	Boys,	135	133	98·5	2	1·5	..	..	..	..	..	..
	Girls,	134	133	99·3	1	0·7	..	..	..	..	..	..
	Total,	269	266	98·9	3	1·1	..	..	..	..	1	..
Kirkintilloch,	Boys,	492	487	99·0	4	0·8	..	..	1	0·2	..	..
	Girls,	486	485	99·8	1	0·2	..	..	..	..	..	..
	Total,	978	972	99·4	5	0·5	..	..	1	0·1	..	..
New Kilpatrick,	Boys,	209	208	99·5	1	0·5	..	...	..	..	..	..
	Girls,	178	178	100·0	..	..	..	..	..	..	..	..
	Total,	387	386	99·8	1	0·2	..	..	..	..	..	..
Old Kilpatrick,	Boys,	1479	1433	96·9	39	2·6	6	0·4	1	0·1	..	..
	Girls,	1565	1532	97·9	32	2·0	..	..	1	0·1	..	..
	Total,	3014	2965	97·4	71	2·3	6	0·2	2	0·1	..	..
Dumbarton,	Boys,	711	670	94·3	34	4·8	6	0·8	1	0·1	..	..
	Girls,	734	725	98·8	8	1·1	1	0·1	..	..	..	..
	Total,	1445	1395	96·5	42	2·9	7	0·5	1	0·1	..	..
Vale of Leven,	Boys,	601	558	92·8	30	5·0	9	1·5	4	0·7	..	..
	Girls,	565	540	95·6	17	3·0	8	1·4	..	..	..	..
	Total,	1166	1098	94·3	47	4·0	17	1·4	4	0·3	..	..
Helensburgh,	Boys,	239	232	97·1	7	2·9	..	..	..	..	..	..
	Girls,	215	212	98·6	1	0·5	2	0·9	..	..	..	..
	Total,	454	444	97·9	8	1·7	2	0·4	..	..	..	..
Total,	Boys,	3866	3721	96·3	117	3·0	21	0·5	7	0·2	..	..
	Girls,	3877	3805	98·1	60	1·5	11	0·3	1	0·1	..	..
	Total,	7743	7526	97·3	177	2·2	32	0·4	8	0·1	1	..

7.—F. Average Heights and Weights in Inches and Pounds.

BOYS.

School Management Area.	Entrants. Number Examined.	Entrants. Average Age.	Entrants. Height.	Entrants. Height. Anthropometric Standard.	Entrants. Weight.	Entrants. Weight. Anthropometric Standard.	Age 8. Number Examined.	Age 8. Average Age.	Age 8. Height.	Age 8. Height. Anthropometric Standard.	Age 8. Weight.	Age 8. Weight. Anthropometric Standard.	Age 12. Number Examined.	Age 12. Average Age.	Age 12. Height.	Age 12. Height. Anthropometric Standard.	Age 12. Weight.	Age 12. Weight. Anthropometric Standard.	Age 16. Number Examined.	Age 16. Average Age.	Age 16. Height.	Age 16. Height. Anthropometric Standard.	Age 16. Weight.	Age 16. Weight. Anthropometric Standard.
Cumbernauld,	57	5 1/12	42·8	41·0	40·5	39·9	51	8 5/12	48·6	47·0	55·6	54·9	27	12 4/12	55·4	54·9	81·0	76·7	..	..	..	64·3	..	119·0
Kirkintilloch,	148	5	41·9	„	40·7	„	147	8 3/12	48·8	„	55·8	„	186	12 6/12	55·4	„	75·8	„	11	16 8/12	64·5	„	122·4	„
New Kilpatrick,	70	5 7/12	43·4	„	42·7	„	80	8 10/12	49·8	„	58·5	„	55	12 6/12	56·3	„	79·4	„	4	16 11/12	66·1	„	125·6	„
Old Kilpatrick,	518	5 4/12	39·1	„	38·2	„	517	8 9/12	48·6	„	54·3	„	428	12 4/12	55·3	„	73·4	„	21	16 8/12	66·7	„	128·0	„
Dumbarton,	229	5 8/12	42·1	„	37·8	„	202	8 6/12	48·3	„	53·6	„	244	12 5/12	54·5	„	71·9	„	36	16 4/12	64·7	„	118·1	„
Vale of Leven,	218	5 11/12	42·6	„	41·5	„	247	8 6/12	48·2	„	53·6	„	132	12 4/12	56·0	„	75·3	„	9	16 7/12	65·3	„	120·3	„
Helensburgh,	76	5 10/12	43·3	„	42·9	„	90	8 7/12	49·4	„	52·2	„	63	12 4/12	56·0	„	78·9	„	10	15 11/12	64·2	„	110·5	„
Total,	1306	5 7/12	42·2	41·0	40·6	39·9	1334	8 5/12	48·7	47·0	54·8	54·9	1135	12 1/12	55·6	54·9	76·5	76·7	91	16 7/12	65·3	64·3	120·8	110·0
	*County Standards.		41·4 inches.		40·6 lbs.		County Standards.		48·3 inches.		54·0 lbs.		County Standards.		54·9 inches.		73·7 lbs.		County Standards.		64·0 inches.		118·8 lbs.	

GIRLS.

School Management Area.	Entrants. Number Examined.	Entrants. Average Age.	Entrants. Height.	Entrants. Height. Anthropometric Standard.	Entrants. Weight.	Entrants. Weight. Anthropometric Standard.	Age 8. Number Examined.	Age 8. Average Age.	Age 8. Height.	Age 8. Height. Anthropometric Standard.	Age 8. Weight.	Age 8. Weight. Anthropometric Standard.	Age 12. Number Examined.	Age 12. Average Age.	Age 12. Height.	Age 12. Height. Anthropometric Standard.	Age 12. Weight.	Age 12. Weight. Anthropometric Standard.	Age 16. Number Examined.	Age 16. Average Age.	Age 16. Height.	Age 16. Height. Anthropometric Standard.	Age 16. Weight.	Age 16. Weight. Anthropometric Standard.
Cumbernauld,	59	5 7/12	42·1	40·8	39·0	39·6	53	8 8/12	47·8	46·6	50·3	52·1	22	12 8/12	56·3	55·7	76·7	76·4	..	..	..	61·7	..	113·1
Kirkintilloch,	133	5 7/12	41·3	„	38·8	„	183	8 7/12	47·6	„	52·5	„	156	12 7/12	56·1	„	78·4	„	14	16 3/12	61·1	„	110·5	„
New Kilpatrick,	81	5 6/12	41·0	„	40·7	„	47	8 10/12	49·7	„	54·8	„	44	12 6/12	56·4	„	79·1	„	6	16 3/12	62·4	„	114·4	„
Old Kilpatrick,	554	5 8/12	40·7	„	40·0	„	545	8 11/12	48·2	„	51·0	„	454	12 1/12	54·7	„	72 3	„	12	16 3/12	61·4	„	111·9	„
Dumbarton,	237	5 5/12	41·9	„	39·6	„	209	8 6/12	47·6	„	51·0	„	248	12 3/12	55·1	„	73·3	„	40	16 6/12	61·7	„	107·2	„
Vale of Leven,	222	6	42·6	„	39·9	„	199	8 4/12	48·4	„	52·4	„	139	12 4/12	55·8	„	73·2	„	5	16 5/12	62·8	„	99·3	„
Helensburgh,	71	5 8/12	43·2	„	41·4	„	84	8 6/12	49·9	„	54·5	„	52	12 8/12	56·2	„	78·1	„	8	16 4/12	64·5	„	122·9	„
Total,	1357	5 7/12	41·0	40·8	40·1	39·6	1320	8 5/12	48·5	46·6	52·6	52·1	1115	12 4/12	55·7	55·7	75·9	76·4	85	16 7/12	62·3	61·7	111·0	113·1
	County Standards.		41·3 inches.		39·3 lbs.		County Standards.		48·2 inches.		51·9 lbs.		County Standards.		55·1 inches.		73·4 lbs.		County Standards.		62·2 inches.		111·4 lbs.	

*It has been felt that the Anthropometric Standard is not satisfactory, because it was based on an insufficient number of observations. A County of Dunbarton Standard has therefore been arrived at by combining and averaging the figures in previous Annual Reports for a number of years back.

The following table shows the number of observations on which the County Standard is based :—taken from Annual Reports 1919-20 to 1926-27.

	Entrants.		8 Years of Age		12 Years of Age.		16 years of Age.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
Number Examined,	13,091	12,420	9,146	9,014	14,013	14,064	510	531
Average Age, ...	5 7/12	5 7/12	8 5/12	8 5/12	12 6/12	12 5/12	16 4/12	16 5/12

7.—G. Cleanliness of Head and Body.

(a) *Verminous Conditions.*

SCHOOL MANAGEMENT AREA.		No. of Routine Cases examined.	ROUTINE CASES.								NON-ROUTINE CASES.			
			HEAD.				CLOTHING.				HEAD.		CLOTHING.	
			Nits.		Vermin.		Nits.		Vermin.		Nits.	Vermin.	Nits.	Vermin.
			No.	%	No.	%	No.	%	No.	%				
Cumbernauld,	Boys,	135	..	..	..	..	..	..	..	..	..	..	..	..
	Girls,	134	16	11·9	1	0·7	..	..	..	..	..	..	..	..
	Total,	269	16	5·9	1	0·4	..	..	..	..	3	2	..	2
Kirkintilloch,	Boys,	492	2	0·4	..	..	..	..	1	0·2	..	..	..	..
	Girls,	486	59	12·1	7	1·4	..	..	..	..	..	..	..	..
	Total,	978	61	6·2		0·7	..	..	1	0.1	2	1	..	..
New Kilpatrick,	Boys,	209	..	..	..	..	..	..	..	..	..	..	..	..
	Girls,	178	5	2·8	..	..	..	..	..	..	..	..	..	..
	Total,	387	5	1·3	..	..	..	..	..	..	..	..	..	..
Old Kilpatrick,	Boys,	1479	17	1·1	1	0·1	..	..	5	0·3	..	..	..	..
	Girls,	1565	294	18·7	3	0·2	2	0·1	1	0·1	..	..	..	..
	Total,	3044	311	10.2	4	0·1	2	0·1	6	0·2	1	..	..	..
Dumbarton,	Boys,	711	46	6·4	1	0·1	..	..	2	0·3	..	..	..	..
	Girls,	734	303	41.27	3	0·4	..	..	..	..	..	..	..	..
	Total,	1445	349	24·1	4	0·3	..	..	2	0·1	5	10	1	1
Vale of Leven,	Boys,	601	14	2·3	1	0·1	..	..	..	..	..	..	..	..
	Girls,	565	177	31·3	1	0·1	..	..	..	..	..	..	..	..
	Total,	1166	191	16·4	2	0·1	..	..	..	..	..	5	..	4
Helensburgh,	Boys,	239	3	1·2	..	..	..	..	2	0·8	..	..	..	..
	Girls,	215	31	14·4	..	..	..	..	..	..	..	..	..	..
	Total,	454	34	7·4	..	..	..	..	2	0·4	4	..	..	..
Total,	Boys,	3866	82	2·1	3	0·1	..	..	10	0·2	..	..	..	..
	Girls,	3877	785	0·2	15	0·3	2	0·1	1	0·1	..	..	..	..
	Total,	7743	867	11·2	18	0·2	2	0·1	11	0·1	15	18	1	7

7.—G. Cleanliness of Head and Body.

(b) *Cleanliness.*

SCHOOL MANAGEMENT AREA.		No. of Routine Cases examined.	ROUTINE CASES. HEAD. Good. No.	Good. %	Medium. No.	Medium. %	Bad. No.	Bad. %	BODY. Good. No.	Good. %	Medium. No.	Medium. %	Bad. No.	Bad. %	NON-ROUTINE. HEAD. Bad.	BODY. Bad.
Cumbernauld,	Boys,	135	135	100·0	..	..	..	..	132	97·2	3	2·2	..	..	..	..
	Girls,	134	129	96·3	5	3·7	..	..	129	96·3	5	3·7	..	..	..	..
	Total,	269	264	98·2	5	1·8	..	..	261	97·0	8	3·0	..	..	..	..
Kirkintilloch,	Boys,	492	477	97·0	15	3·0	..	..	452	91·9	40	8·1	..	..	..	..
	Girls,	486	451	92·9	35	7·1	..	..	464	95·5	22	4·5	..	..	..	..
	Total,	978	928	94·9	50	5·1	..	..	916	93·7	62	6·3	..	..	..	..
New Kilpatrick,	Boys,	209	208	99·5	1	0·5	..	..	205	98·1	4	1·9	..	..	..	..
	Girls,	178	175	98·3	3	1·7	..	..	176	98·9	2	1·1	..	..	..	..
	Total,	387	383	98·9	4	1·1	..	..	381	98·5	6	1·5	..	..	..	..
Old Kilpatrick,	Boys,	1479	1440	97·3	38	2·6	1	0·1	1415	95·7	60	4·0	4	0·3	..	..
	Girls,	1565	1499	95·8	64	4·1	2	0·1	1508	96·4	57	3·6	...	..	..	..
	Total,	3044	2939	96·6	102	3·3	3	0.1	2923	96·1	117	3·8	4	0·1	..	..
Dumbarton,	Boys,	711	688	96·8	20	2·8	3	0·4	686	96·5	21	2·9	4	0·6	..	..
	Girls,	734	707	96·3	27	3·7	..	..	716	97·6	15	2·0	3	0·1	..	..
	Total,	1445	1395	96·5	47	3·3	3	0·2	1402	97·0	36	2·5	7	0·5	..	..
Vale of Leven,	Boys,	601	592	98·5	9	1·5	..	..	590	98·2	11	1·8	..	..	..	..
	Girls,	565	544	96·3	20	3·5	1	0·2	546	96·6	19	3·4	..	..	..	..
	Total,	1166	1136	97·3	29	2·6	1	0·1	1136	97·4	30	2·6	..	..	3	3
Helensburgh,	Boys,	239	237	99·2	2	0·8	..	..	234	97·9	5	2·1	..	..	..	..
	Girls,	215	212	98·6	3	1·4	..	..	210	97·6	4	1·9	1	0·5	..	..
	Total,	454	449	98·9	5	1·1	..	..	444	97·8	9	2·0	1	0·2	..	..
Total,	Boys,	3866	3777	97·7	85	2·2	4	0·1	3714	96·1	144	3·7	8	0·2	..	..
	Girls,	3877	3717	95·9	157	4 0	3	0·1	3749	96·5	124	3·4	4	0·1	..	..
	Total,	7743	7494	96·8	242	3·1	7	0·1	7463	96·4	268	3·5	12	0·1	3	3

The following table shows at a glance a summary of the previous table [7.—G (a)], *i.e.*, children in each area showing evidence of verminous condition of the head or body or both.

School Management Area.	Number of Routine Cases Examined.	Number showing evidence of Vermin.	Percentage.
Cumbernauld, ...	269	17	6·3
Kirkintilloch, ...	978	69	7·0
New Kilpatrick, ...	387	5	1·3
Old Kilpatrick, ...	3044	323	10·6
Dumbarton, ...	1445	355	24·5
Vale of Leven, ...	1166	193	16·5
Helensburgh, ...	454	36	7·9
Total, ...	7743	998	12·9

7.—I. Nutrition.

School Management Area.		Number of Routine Cases Examined.	Routine Cases. Above Average. No.	Above Average. %	Average. No.	Average. %	Below Average. No.	Below Average. %	Very Bad. No.	Very Bad. %	Non-Routine Cases. Below Average.	Non-Routine Cases. Very Bad.
Cumbernauld,	Boys,	135	7	5·2	125	92·6	3	2·2	..	..	..	..
	Girls,	134	13	9·7	108	80·6	12	8·9	1	0·8	..	..
	Total,	269	20	7·4	233	86·6	15	5·6	1	0·4	..	..
Kirkintilloch,	Boys,	492	33	6·7	440	89·4	18	3·7	1	0·2	..	..
	Girls,	486	31	6·4	417	85·7	36	7·4	2	0·4	..	..
	Total,	978	64	6·5	857	87·8	54	5·4	3	0·3	2	..
New Kilpatrick,	Boys,	209	16	7·7	188	89·9	5	3·8	..	..	..	..
	Girls,	178	12	6·7	161	90·5	5	2·8	..	..	..	..
	Total,	387	28	7·2	349	90·2	10	2·6	..	..	..	..
Old Kilpatrick,	Boys,	1479	61	4·2	1299	87·7	114	7·7	5	0·4	..	..
	Girls,	1565	74	4·8	1307	83·4	179	11·5	5	0·3	..	..
	Total,	3044	135	4·4	2606	85·7	293	9·6	10	0·3	3	..
Dumbarton,	Boys,	711	108	15·2	415	58·4	168	23·6	20	2·8	..	..
	Girls,	734	110	14·9	467	63·4	135	18·7	22	3·0	..	..
	Total,	1445	218	15·1	882	61·0	303	21·0	42	2·9	1	..
Vale of Leven,	Boys,	601	20	3·3	502	83·6	77	12·8	2	0·3	..	..
	Girls,	565	23	4·0	456	80·8	82	14·5	4	0·7	..	..
	Total,	1166	43	3·7	958	82·1	159	13·7	6	0·5	..	2
Helensburgh,	Boys,	239	17	7·1	202	84·6	18	7·5	2	0·8	..	..
	Girls,	215	14	6·5	183	85·0	17	8·0	1	0·5	..	..
	Total,	454	31	6·	385	84·8	35	7·8	3	0·6	..	..
Total,	Boys,	3866	262	6·9	3171	81·9	403	10·5	30	0·7	..	..
	Girls,	3877	277	7·3	3099	79·9	466	12·0	35	0·8	..	..
	Total,	7743	539	7·0	6270	81·0	869	11·1	65	0·9	6	2

7.—J. Teeth.

School Management Area.		Routine Cases.									Non-Routine.	
		No. of cases Examined.	No Teeth. Decayed.		1 to 4 Teeth Decayed.		5 or more Teeth Decayed.		Oral Sepsis.		5 or more Decayed.	Oral Sepsis.
			No.	%	No.	%	No.	%	No.	%		
Cumbernauld,	Boys,	135	49	36·3	59	43·7	27	20·0	4	2·9	..	..
	Girls,	134	48	35·9	63	47·0	23	17·1	3	2·2	..	..
	Total,	269	97	36·1	122	45·3	50	18·6	7	2·6	..	..
Kirkintilloch,	Boys,	492	190	38·6	219	44·5	83	16·9	13	2.6	..	..
	Girls,	486	178	36·6	227	46·7	81	16·7	8	1·6	..	..
	Total,	978	368	37·6	446	45·6	164	16·8	21	2·1	..	..
New Kilpatrick,	Boys,	209	72	34·5	113	54·1	24	11·4	..	..	..	..
	Girls,	178	67	37·7	89	50·0	22	12·3	3	1·7	..	..
	Total,	387	139	35 8	202	52·3	46	11·9	3	0·8	..	..
Old Kilpatrick,	Boys,	1479	569	38·5	690	46·6	220	14·9	48	3·2	..	..
	Girls,	1565	669	42·7	660	42·2	236	15·1	70	4·5	..	..
	Total,	3044	1238	40·7	1350	44·4	456	14·9	118	3·9	..	4
Dumbarton,	Boys,	711	224	31·5	342	48·1	145	20·4	...	...	..	..
	Girls,	734	222	30·3	388	52·9	124	16·8	...	...	..	..
	Total,	1445	446	30·9	730	50·5	269	18·6	...	...	..	2
Vale of Leven,	Boys,	601	170	28·2	310	51·6	121	20·2	41	6·7	..	..
	Girls,	565	174	30·8	273	48·3	118	20·9	47	8·3	..	..
	Total,	1166	344	29·4	583	50·0	239	20·6	88	7·5	..	..
Helensburgh,	Boys,	239	80	33·5	113	47·3	46	19·2	12	5·0	..	..
	Girls,	215	70	32·6	96	44·6	49	22·8	20	9·3	..	..
	Total,	454	150	33·0	209	46·1	95	20·9	32	7·2	..	1
Total,	Boys,	3866	1354	35·0	1846	47·7	666	17·3	118	3·1	..	..
	Girls,	3877	1428	36·8	1796	46·3	653	16·9	151	3·9	..	..
	Total,	7743	2782	36·1	3642	46·9	1319	17·0	269	3·5	..	7

7.—H. Condition of Skin.

School Management Area.	Number of Routine Cases Examined.	Eczema. Routine. Head. No.	Eczema. Routine. Head. %	Eczema. Routine. Body. No.	Eczema. Routine. Body. %	Eczema. Non-Routine. Head.	Eczema. Non-Routine. Body.	Ringworm. Routine. Head. No.	Ringworm. Routine. Head. %	Ringworm. Routine. Body. No.	Ringworm. Routine. Body. %	Ringworm. Non-Routine. Head.	Ringworm. Non-Routine. Body.	Impetigo. Routine. Head. No.	Impetigo. Routine. Head. %	Impetigo. Routine. Body. No.	Impetigo. Routine. Body. %	Impetigo. Non-Routine. Head.	Impetigo. Non-Routine. Body.	Sores. Routine. Head. No.	Sores. Routine. Head. %	Sores. Routine. Body. No.	Sores. Routine. Body. %	Sores. Non-Routine. Head.	Sores. Non-Routine. Body.	Scabies. Routine. Body. No.	Scabies. Routine. Body. %	Scabies. Non-Routine. Body.	Alopecia. Routine. Head. No.	Alopecia. Routine. Head. %	Alopecia. Non-Routine. Head.	Psoriasis. Routine. Body. No.	Psoriasis. Routine. Body. %	Psoriasis. Non-Routine. Body.	Others. Routine. Head. No.	Others. Routine. Head. %	Others. Routine. Body. No.	Others. Routine. Body. %	Others. Non-Routine. Head.	Others. Non-Routine. Body.	Total. Routine. Head. No.	Total. Routine. Head. %	Total. Routine. Body. No.	Total. Routine. Body. %	Total. Non-Routine. Head.	Total. Non-Routine. Body.
Cumbernauld,	269	..	..	..	..	..	..	1	0·3	..	..	..	..	1	0·3	..	..	..	..	..	..	1	0·3	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	0·7	1	0·3	2	2
Kirkintilloch,	978	..	..	1	0·1	..	..	2	0·2	..	..	..	..	10	1·0	..	..	3	..	..	..	1	0·1	..	..	2	0·2	..	..	..	..	..	2	0·2	..	..	..	..	..	12	1·2	6	0·6	3	..
New Kilpatrick	337	..	..	..	..	..	..	..	..	..	..	..	..	3	0·7	1	0·2	1	..	..	..	..	..	..	..	2	0·5	..	1	0·2	..	1		..	..	..	..	..	..	4	1·0	5	1.3	1	..
Old Kilpatrick,	3044	..	..	5	0·1	2	3	4	0·1	2	0·06	9	5	18	0·5	2	0·06	47	13	1	0·03	0	0·2	14	13	7	0·2	34	3	0·1	8	1	0·2	1	..	..	1	0·2	..	..	26	0·6	34	1·1	80	78
Dumbarton,	1445	1	0·06	5	0·3	..	9	..	..	..	..	3	1	2	0·1	..	..	8	0	..	..	1	0·00	9	11	2	0·1	33	1	0·00	4	2	0·03	1	..	..	11	0·3	..	9	4	0·2	18	1·2	24	66
Vale of Leven,	1166	..	..	3	0·2	1	3	1	0·08	1	0·08	1	..	3	0·2	1	0·08	31	1	2	0·2	2	0·2	1	18	3	0·2	30	..	..	5	..	0·1	1	..	..	8	0·5	..	5	6	0·5	19	1·6	39	67
Helensburgh,	454	..	..	..	..	..	2	..	..	1	0·2	..	..	1	0·2	..	..	7	2	..	..	1	0·2	..	4	1	0·2	8	2	0·4	..	1	0·2	..	..	..	9	0·7	..	8	3	0·6	4	0·8	7	13
Total,	7743	1	0·01	14	0·2	3	17	8	0·1	4	0·05	13	6	38	0·4	4	0·05	97	22	3	0·03	12	0·14	26	47	17	0·2	111	7	0·09	17	7	0·09	3	..	..	29	0·3	..	25	57	0·7	87	1·1	156	231

7.—K. Nose, Throat, and Lymphatic Glands.

(a) Nose.

School Management Area.	Number of Routine Cases Examined.	Catarrh.			Obstruction.			Others.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%		No.	%	
Cumbernauld, ...	269	..	..	1	..	..	..	..	..	..	..	..	1
Kirkintilloch, ...	978	..	..	..	2	0·7	..	3	1·1	..	5	1·8	..
New Kilpatrick, ...	387	1	0·1	..	..	..	..	1	0.1	2	2	0·2	2
Old Kilpatrick, ...	3044	21	0·7	2	84	2·7	10	5	0·2	9	110	3·6	21
Dumbarton, ...	1445	40	2·8	4	31	2·1	5	..	..	3	71	4·9	12
Vale of Leven, ...	1166	34	2·9	4	49	4·2	13	1	0·1	..	84	7·2	17
Helensburgh, ...	454	11	2·2	..	24	5·2	2	..	..	..	35	7·7	2
Total, ...	7743	107	1·4	11	190	2·4	30	10	0·1	14	307	3·9	55

7.—K. Nose, Throat, and Lymphatic Glands—*continued.*

(b) 1. Tonsils.

School Management Area.	Number of Routine Cases Examined.	Enlarged.			Much Enlarged.			Removed.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%	
Cumbernauld, ...	269	10	3·7	2	3	1·1	..	12	4·4	..
Kirkintilloch, ...	978	67	6·8	5	12	1·2	9	56	5·6	2
New Kilpatrick, ...	387	36	9·3	5	4	1·0	..	21	5·4	..
Old Kilpatrick, ...	3044	284	9·3	49	200	6·5	39	238	16·6	23
Dumbarton, ...	1445	331	22·8	25	90	6·2	14	132	9·1	
Vale of Leven, ...	1166	108	9·2	18	159	13·6	45	227	19·4	12
Helensburgh, ...	454	55	12·1	6	75	16·5	13	67	14·7	49
Total, ...	7743	891	11·5	110	543	6·9	120	753	9·7	90

7.—K. Nose, Throat, and Lymphatic Glands—*continued.*

(b) 2. Adenoids.

School Management Area.	Number of Routine Cases Examined.	Present.			Suspected.			Removed.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%	
Cumbernauld, ...	269	1	0·4	2	3	1·1	..	6	2·2	..
Kirkintilloch, ...	978	7	0·7	1	15	1·5	4	46	4·7	..
New Kilpatrick, ...	387	1	0·2	5	5	1·3	..	18	4·6	..
Old Kilpatrick, ...	3044	10	0·3	47	161	5·3	10	223	7·3	24
Dumbarton, ...	1445	3	0·2	10	46	3·2	..	112	7·7	4
Vale of Leven, ...	1166	1	0·1	13	103	8·8	5	212	18·2	12
Helensburgh, ...	454	2	0·2	9	40	8·8	1	70	15·4	49
Total, ...	7743	25	0·3	87	373	4·8	20	687	8·9	89

7.—K. Nose, Throat, and Lymphatic Glands—*continued.*

(c) Lymphatic Glands—Submaxillary and Cervical.

School Management Area.	No. of Routine Cases Examined.	Palpably Enlarged.						Markedly Enlarged.						Suppurating.						Cicatrices.					
		Submaxillary.			Cervical.			Submaxillary.			Cervical.			Submaxillary.			Cervical.			Submaxillary.			Cervical.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld, ...	269	4	0·4	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kirkintilloch, ...	978	19	1·9	2	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	9	0·9	..	5	0·5	..
New Kilpatrick, ..	387	5	1·3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	0·1	..	2	0·5	..
Old Kilpatrick, ..	3044	152	4·9	17	7	0·2	7	..	..	7	1	0·03	..	..	..	..	..	..	..	17	0·0	..	8	0·3	..
Dumbarton, ...	1445	89	6·1	16	9	0·6	..	2	0·1	..	..	..	..	..	..	..	..	..	..	7	0·5	..	..	..	..
Vale of Leven, ...	1166	99	8·6	17	3	0·2	1	..	..	6	..	..	..	..	..	..	..	..	..	20	1·7	..	..	..	..
Helensburgh, ...	454	46	10·1	7	1	0·2	..	..	..	8	..	..	..	..	..	..	..	..	..	5	1·1	..	3	0·7	..
Total, ...	7743	414	5·3	61	20	0·2	10	2	0·02	21	1	0·01	..	..	..	..	..	..	..	64	0·8	..	18	0·2	..

7.—L. External Eye Diseases.

School Management Area.		No. of Routine Cases Examined.	Strabismus.			Blepharitis.			Conjunctivitis.			Corneal Opacities.			Other Diseases.		
			Routine.		Non Routine.	Routine.		Non-Routine.	Routine.		Non Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
			No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld,	Boys,	135	6	4·4	..	2	1·5	..	..	..	..	..	..	..	..	..	..
	Girls,	134	5	3·7	..	1	0·7	..	..	..	..	3	2·2	..	..	..	..
	Total,	269	11	4·0	3	3	1·1	1	..	..	3	3	1·1	1	..	..	1
Kirkintilloch,	Boys,	492	9	1·8	..	1	0·2	..	1	0·2	..	1	0·2	..	..	..	..
	Girls,	486	8	1·6	..	3	0·6	..	1	0·2	..	..	..	..	1	0·2	..
	Total,	978	17	1·7	7	4	0·4	4	2	0·2	1	1	0·1	2	1	0·1	2
New Kilpatrick,	Boys,	209	2	0·9	..	1	0·5	..	..	..	..	1	0 5	..	2	0·9	..
	Girls,	178	2	1·1	..	2	1·1	..	..	..	..	1	0·6	..	1	0·6	..
	Total,	387	4	1·0	1	3	0·8	1	..	..	..	2	0·5	..	3	0·8	1
Old Kilpatrick,	Boys,	1479	45	3·0	..	24	1·6	..	1	0·1	..	4	0·3	..	1	0·1	..
	Girls,	1565	50	3·2	..	23	1·5	..	4	0·2	..	8	0·5	..	3	0·2	..
	Total,	3044	95	3·1	15	47	1·5	29	5	0·2	42	12	0·4	14	4	0·1	2
Dumbarton,	Boys,	711	15	2·1	..	8	1·1	..	1	0·1	..	2	0·3	..	4	0·6	..
	Girls,	734	17	2·3	..	10	1·4	..	2	0·3	..	1	0·1	..	1	0·1	..
	Total,	1445	32	2·2	5	18	1·2	15	3	0·2	16	3	0·2	4	5	0.3	..
Vale of Leven,	Boys,	601	15	2·5	..	7	1·2	..	..	..	..	7	1·2	..	1	0·2	..
	Girls,	565	25	4·4	..	13	2·1	..	..	..	..	3	0·5	..	..	..	..
	Total,	1166	40	3·4	11	20	1·7	10	..	..	12	10	0·8	9	1	0·1	..
Helensburgh,	Boys,	239	13	5·4	..	1	0·4	..	..	..	..	2	0·8	..	..	..	..
	Girls,	215	5	2·3	..	3	1·4	..	1	0·5	..	1	0·5	..	1	0·5	..
	Total,	454	18	3·9	3	4	0·9	4	1	0·2	5	3	0·7	4	1	0·3	..
Total,	Boys,	3866	105	2·7	..	44	1·1	..	3	0·1	..	17	0·4	..	8	0·2	..
	Girls,	3877	112	2·9	..	55	1·4	..	8	0·2	..	17	0·4	..	7	0·2	..
	Total,	7743	217	2·8	45	99	1·2	64	11	0·1	79	34	0·4	34	15	0·2	6

7.—N. Ear Disease.

School Management Area.	Number of Routine Cases Examined.	Otorrhœa.			Wax.			Others.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine	Routine.		Non-Routine.	Routine.		Non-Routine
		No.	%		No.	%		No.	%		No.	%	
Cumbernauld, ...	269	4	1·5	1	1	0·3	..	..	..	..	5	1·8	1
Kirkintilloch, ...	978	12	1·2	3	..	..	2	..	..	..	12	1·2	5
New Kilpatrick, ...	387	1	0·2	..	2	0·5	..	..	..	..	3	0·7	..
Old Kilpatrick,..	3044	36	1·1	43	9	0·3	9	..	..	..	45	1·4	52
Dumbarton, ...	1445	14	0·9	5	1	0·1	4	..	..	..	15	1·0	9
Vale of Leven, ...	1166	19	1·6	12	..	..	2	..	..	..	19	1·6	14
Helensburgh, ...	454	6	1·3	4	..	..	4	..	..	..	6	1·3	8
Total, ...	7743	92	1·1	68	13	0·1	21	..	..	..	105	1·3	89

Wax is noted only when sufficient to interfere with hearing.

7.—M. Visual Acuity (Snellen's Test at 6 Metres).

Vision shown is "Working Vision," *i.e.*, vision of better eye. Good Vision = $\frac{6}{6}$ Fair Vision = $\frac{6}{9}$-$\frac{6}{12}$ Bad Vision = $\frac{6}{18}$ or worse.

School Management Area.		Routine Cases. Age 8. No. Examined.	Good. No.	Good. %	Fair. No.	Fair. %	Bad. No.	Bad. %	Bad in One Eye only. No.	Bad in One Eye only. %	Age 12. No. Examined.	Good. No.	Good. %	Fair. No.	Fair. %	Bad. No.	Bad. %	Bad in One Eye only. No.	Bad in One Eye only. %	Age 16. No. Examined.	Good. No.	Good. %	Fair. No.	Fair. %	Bad. No.	Bad. %	Bad in One Eye only. No.	Bad in One Eye only. %	Total. No. Examined.	Good. No.	Good. %	Fair. No.	Fair. %	Bad. No.	Bad. %	Bad in One Eye only. No.	Bad in One Eye only. %	Non-Routine. Bad.	Non-Routine. Bad in One Eye only.
Cumbernauld,	Boys,	51	45	88·3	4	7·8	2	3·9	3	5.9	27	25	92·6	..	..	2	7·4	1	3·7	..	..	..	..	..	..	..	..	..	78	70	89·8	4	5·1	4	5·1	4	5·1	..	..
	Girls,	53	40	75·5	9	17·0	4	7·5	2	3.8	22	19	86·4	1	4·5	2	9·1	..	..	..	..	..	..	..	..	..	..	..	75	59	78·7	10	13·3	6	8·0	2	2·6	..	..
	Total,	104	85	81·8	18	12·5	6	5·7	5	4·8	49	44	89·8	1	2·0	4	8·2	1	2·0	..	..	..	..	..	..	..	..	..	153	129	84·4	14	9·1	10	6·5	6	3·8	4	1
Kirkintilloch,	Boys,	147	125	85·0	15	10·2	7	4·8	5	3·4	186	164	88·2	12	6·4	10	5·4	5	2·7	11	8	72·8	2	18.1	1	9·1	..	..	344	297	86·4	29	8·4	18	5·2	10	2·9	..	..
	Girls,	183	147	80.4	21	11·4	15	8·2	3	1·6	156	131	84·0	13	8·3	12	7·7	8	5·1	14	11	78·6	..	..	3	21·4	..	..	353	289	81·9	34	9·6	30	8·5	11	3·1	..	..
	Total,	330	272	82·5	36	10·9	22	6·6	8	2·5	342	295	86·2	25	7·3	22	6·5	13	3·9	25	19	76·0	2	8.0	4	16·0	..	..	697	586	84·1	63	9·0	48	6·9	21	3·0	7	..
New Kilpatrick,	Boys,	80	70	87·6	5	6·2	5	6·2	2	2.5	55	53	96·4	1	1·8	1	1·8	..	..	4	3	75.0	..	..	1	25·0	..	..	139	126	90·7	6	4·3	7	5·0	2	1·4	..	..
	Girls,	47	44	93·6	2	4·3	1	2·1	2	4.3	44	39	88·6	4	9·1	1	2·3	1	2·3	6	4	66·7	..	..	2	33·3	..	..	97	87	89·7	6	6·2	4	4·1	3	3·1	..	..
	Total,	127	114	89·8	7	5·5	6	4·7	4	3·4	99	92	93·0	5	5·0	2	2·0	1	1·1	10	7	70·0	..	..	3	30·0	..	..	236	213	90·2	12	5·3	11	4·5	5	2·2	2	..
Old Kilpatrick,	Boys,	517	431	83·4	47	9·1	39	7·5	10	1·9	428	392	91·6	25	5·8	11	2·6	18	4·2	21	16	76·2	1	4.8	4	19·0	1	4.8	966	839	86·8	73	7·6	54	5·6	29	3·0	..	..
	Girls,	545	466	85·6	50	9·1	29	5·3	14	2·6	454	385	84·8	44	9·7	25	5·5	16	3·5	12	10	83·4	..	..	2	16·6	..	..	1011	863	85·4	94	9·3	54	5·3	30	2·9	..	..
	Total,	1062	897	84·5	97	9·1	68	6·4	24	2·2	882	777	88·1	69	7·8	36	4·1	34	3·9	33	26	78·8	1	3.0	6	18·2	1	3.0	1977	1702	86·1	167	8·5	108	5·4	59	2·9	38	1
Dumbarton,	Boys,	202	176	87·2	14	6·9	12	5·9	3	1·5	244	216	88·5	16	6·5	12	5·0	8	3.2	36	35	97·2	..	..	1	2·8	1	2·8	482	427	88·6	30	6·2	25	5·2	12	2·5	..	..
	Girls,	209	183	87·6	14	6·7	12	5·7	3	1·4	248	204	82·2	34	13·8	10	4·0	1	0·4	40	34	85·0	3	7·5	3	7·5	3	7·5	497	421	84·7	51	10·3	25	5·0	7	1·4	..	..
	Total,	411	359	87·4	28	6·8	24	5·8	6	1·4	492	420	85·3	50	10·2	22	4·5	9	1·8	76	69	90·8	3	3·9	4	5·3	4	5·3	979	848	86·7	81	8·2	50	5·1	19	1·9	6	2
Vale of Leven,	Boys,	247	220	89·1	17	6·9	10	4·0	2	0·8	132	114	86·3	12	9·1	6	4·6	2	1·5	9	7	77·8	..	..	2	22·2	..	..	388	341	87·9	29	7·5	18	4·6	4	1·0	..	..
	Girls,	199	171	86·0	19	9·5	9	4·5	3	1·5	139	120	86·4	12	8.6	7	5·0	2	1·4	5	3	60·0	2	40·0	..	..	..	..	343	294	85·8	33	9·6	16	4·6	5	1·4	..	..
	Total,	446	391	87·7	36	8·1	19	4·2	5	1·1	271	234	86·4	24	8·8	13	4·8	4	1·5	14	10	71·4	2	14·3	2	14·3	..	..	731	635	86·9	62	8·5	34	4·6	9	1·2	60	1
Helensburgh,	Boys,	90	77	85·5	8	8·9	5	5·5	1	1·1	63	55	87·3	3	4·7	5	8·0	2	3·2	10	10	100·0	..	..	..	..	..	..	163	142	87·1	11	6·8	10	6·1	3	1·8	..	..
	Girls,	84	71	84·6	7	8·3	6	7·1	..	..	52	41	78·9	6	11·5	5	9·6	1	1·9	8	5	62·5	3	37.5	..	..	1	12.5	144	117	81·2	16	11·1	11	7·7	2	1·4	..	..
	Total,	174	148	85·1	15	8·6	11	6·3	1	0·6	115	96	83·5	9	7·8	10	8·7	3	2·6	18	15	83·4	3	16.6	..	..	1	5.5	307	259	84·2	27	8·9	21	6·9	5	1·6	27	..
Total,	Boys,	1334	1144	85·8	110	8·2	80	6·0	26	1·9	1135	1019	89·8	69	6·1	47	4·1	36	3·1	91	79	86·8	3	3·3	9	9·9	2	2·2	2560	2242	87·6	182	7·1	136	5·3	64	2·5	..	..
	Girls,	1320	1122	85·0	122	9·3	76	5·7	27	2·0	1115	939	84·3	114	10·2	62	5·5	29	2·6	85	67	78·8	8	9·4	10	11·8	4	4·7	2520	2130	84·5	244	9·7	146	5·8	60	2·3	..	..
	Total,	2654	2266	85·4	232	8·7	156	5·9	53	2·0	2250	1958	87·1	183	8·1	109	4·8	65	2·8	176	146	83·0	11	6·2	19	10·8	6	3·4	5080	4372	86·1	426	8·4	282	5·5	124	2·4	144	5

7.—O. Hearing.

School Management Area.	Number of Routine Cases Examined.	Slightly Deaf.			Very Deaf.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%	
Cumbernauld, ...	269	5	1·8	..	..	..	..	5	1·8	..
Kirkintilloch, ...	978	8	0·8	3	2	0·2	..	10	1·0	3
New Kilpatrick, ...	387	5	1·3	..	..	..	..	5	1·3	..
Old Kilpatrick, ...	3044	46	1·5	22	1	0·1	2	47	1·6	24
Dumbarton, ...	1445	47	3·2	6	1	0·1	..	48	3·3	6
Vale of Leven, ...	1166	25	2·1	8	1	0·1	..	26	2·2	8
Helensburgh, ...	454	7	1·5	2	1	0·2	..	8	1·7	2
Total, ...	7743	143	1·8	41	6	0.1	2	149	1·9	43

7.—P. Speech.

School Management Area.	Number of Routine Cases Examined.	Defective Articulation.			Stammering.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%	
Cumbernauld, ...	269	..	..	..	1	0·3	..	1	0·3	..
Kirkintilloch, ...	978	1	0·1	4	2	0·2	..	3	0·3	4
New Kilpatrick, ...	387	1	0·2	..	..	..	..	1	0·2	..
Old Kilpatrick, ...	3044	10	0·3	6	15	0·4	2	25	0·8	8
Dumbarton, ...	1445	4	0·2	..	1	0·1	..	5	0·3	..
Vale of Leven, ...	1166	9	0·7	3	5	0·4	1	14	1·2	4
Helensburgh, ...	454	3	0·6	1	2	0·4	..	5	1·1	1
Total, ...	7743	28	0·3	14	26	0·3	3	54	0·6	7

7.—Q. Mental Condition.

School Management Area.	Number of Routine Cases Examined.	Dull or Backward.			Mentally Deficient.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%	
Cumbernauld, ...	269	3	1·1	1	..	..	1	3	1·1	2
Kirkintilloch, ...	978	9	0·9	..	3	0.3	1	12	1·2	1
New Kilpatrick, ...	387	..	..	1	1	0·2	3	1	0·2	4
Old Kilpatrick, ...	3044	17	0·5	8	1	0·1	8	18	0·6	16
Dumbarton, ...	1445	25	1·7	..	..	..	..	25	1·7	..
Vale of Leven, ...	1166	7	0·6	3	..	..	2	7	0·6	5
Helensburgh, ...	454	1	0·2	2	..	..	..	1	0·2	2
Total, ...	7743	62	0·8	15	5	0.1	15	67	0·9	30

7.—R. Heart and Circulation.

School Management Area.	Number of Routine Cases Examined.	Organic Disease.						Functional Disease.			Total.		
		Congenital.			Acquired.								
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine
		No.	%		No.	%		No.	%		No.	%	
Cumbernauld, ...	269	..	..	..	..	..	..	..	..	..	..	..	..
Kirkintilloch, ...	978	..	..	..	8	0·8	2	..	..	..	8	0·8	2
New Kilpatrick, ...	387	..	..	..	..	..	..	..	..	..	..	..	..
Old Kilpatrick, ...	3044	7	0·2	..	12	0·4	13	7	0·2	1	26	0·8	14
Dumbarton, ...	1445	..	..	1	5	0·3	1	..	..	..	5	0·3	2
Vale of Leven, ...	1166	3	0·2	..	9	0·7	..	..	..	..	12	1·0	..
Helensburgh, ...	454	2	0·4	..	4	0·8	1	1	0·2	1	7	1·5	2
Total, ...	7743	12	0·1	1	38	0·4	17	8	0·1	2	58	0·7	20

7.—S. Lungs.

School Management Area.	Number of Routine Cases Examined.	Bronchial Catarrh.			Bronchitis.			Tuberculosis.			Tuberculosis Suspected.			Asthma.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld,	269	3	1·1	..	1	0·3	1	..	..	..	..	..	..	..	..	..	4	1·4	1
Kirkintilloch,	978	6	0·6	1	2	0·2	2	..	..	..	..	..	..	2	0·2	..	10	1·0	3
New Kilpatrick,	387	2	0·5	..	1	0·2	..	..	..	..	..	..	..	..	..	..	3	0·7	..
Old Kilpatrick,	3014	47	1·5	8	16	0·5	7	..	..	..	1	0·1	..	9	0·3	2	73	2·3	17
Dumbarton,	1445	74	5·1	7	10	0·6	13	2	0·1	..	1	0.1	1	3	0·3	1	90	6·2	22
Vale of Leven,	1166	18	1·5	15	8	0·6	3	..	..	..	..	..	..	6	0·5	4	32	2·7	22
Helensburgh,	454	5	1·1	6	..	..	..	..	..	..	..	..	..	1	0·2	2	6	1·3	8
Total, ..	7743	155	3·0	37	38	0·4	26	2	0·1	..	2	0·1	1	21	0·2	9	218	2·8	73

7.—T. Nervous System.

School Management Area.	Number of Routine Cases Examined.	Epilepsy.			Chorea.			Infantile Paralysis.			Others.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld, ...	69	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Kirkintilloch, ...	978	..	..	...	1	0·1	..	2	0·2	..	1	0·1	1	4	0·4	1
New Kilpatrick, ..	387	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Old Kilpatrick, ..	3044	7	0·2	5	1	0·1	6	8	0·2	2	..		4	16	0·5	17
Dumbarton, ...	1445	..	..	1	1	0·1	5	..	..	..	1	0·1	1	2	0·1	7
Vale of Leven, ...	1166	1	0·1	2	3	0·2	3	..	..	..	1	0·1	3	5	0·4	8
Helensburgh, ...	454	..	..	2	..	..	1	2	0·4	2	..	..	1	2	0·4	6
Total, ...	7743	8	0·1	10	6	0·07	15	12	0·1	5	3	0·03	10	29	0·3	40

7.—U. Tuberculosis (Non-Pulmonary).

School Management Area.	Routine Cases Examined.	Glands.			Bones.			Joints.			Abdominal.			Others.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld,	269	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kirkintilloch,	978	..	..	..	..	..	..	1	0·1	..	..	..	..	1	0·1	..	2	0·2	..
New Kilpatrick,	387	..	..	..	..	..	..	..	..	..	..	..	..	1	0·2	..	1	0·2	..
Old Kilpatrick,	3044	..	..	..	..	..	..	..	..	1	2	0·06	1	3	0·09	1	5	0·1	3
Dumbarton,	1445	2	0·1	1	..	..	..	..	..	..	3	0·2	3	3	0·2	..	8	0·5	4
Vale of Leven,	1166	..	..	..	..	..	1	1	0·08	..	1	0·08	1	1	0·08	1	3	0·2	3
Helensburgh,	451	..	..	..	..	..	..	..	..	..	2	0·4	..	..	..	..	2	0·4	..
Total, ..	7743	2	0·02	1	..	..	1	2	0·02	1	8	0·1	5	9	0·1	2	21	0·2	10

7.—V. Rickets.

School Management Area.	Number of Routine Cases Examined.	Slight.			Marked.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%	
Cumbernauld, ...	269	..	..	..	1	0·3	..	1	0·3	..
Kirkintilloch, ...	978	..	..	1	11	1·1	..	11	1·1	1
New Kilpatrick, ...	387	..	..	..	1	0·2	1	1	0·2	1
Old Kilpatrick, ...	3044	2	0·06	..	28	0·8	2	30	0·9	2
Dumbarton, ...	1445	3	0·2	..	11	0·7	..	14	0·9	..
Vale of Leven, ...	1166	1	0·1	..	4	0·3	..	5	0·4	..
Helensburgh, ...	454	..	..	..	..	..	..	..	..	..
Total, ...	7743	6	0·1	1	56	0·7	3	62	0·7	4

7.—W. Deformities.

School Management Area.	Number of Routine Cases Examined.	Congenital.			Acquired (Non-Rachitic).			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine
		No.	%		No.	%		No.	%	
Cumbernauld, ...	269	1	0·3	..	..	..	..	1	0·3	..
Kirkintilloch, ...	978	1	0·1	..	3	0·3	..	4	0·4	..
New Kilpatrick, ...	387	..	..	..	1	0·2	..	1	0·2	..
Old Kilpatrick, ...	3044	5	0 1	1	9	0·2	1	14	0·4	2
Dumbarton, ...	1445	2	0·1	1	7	0·4	1	9	0·6	2
Vale of Leven, ...	1166	4	0·3	2	7	0·6	4	11	0·9	6
Helensburgh, ...	454	..	..	..	2	0·4	..	2	0·4	..
Total, ...	7743	13	0·1	4	29	0·3	6	42	0·6	10

7.—X. Infectious or Contagious Diseases.

School Management Area.	No. of Routine Cases Examined.	Whooping-Cough.			Chicken-pox.			Scarlet Fever.			Mumps.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%		No.	%		No.	%	
Cumbernauld, ..	269	..	..	..	..	..	..	..	..	..	1	0·3	..	1	0·3	..
Kirkintilloch, ..	978	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
New Kilpatrick,	387	1	0·2	..	..	..	..	..	..	..	..	..	..	1	0·2	..
Old Kilpatrick, ..	3044	..	..	4	2	0·06	6	..	..	4	3	0·1	3	5	0·1	17
Dumbarton, ..	1445	..	..	..	..	..	1	..	..	..	..	..	1	..	..	2
Vale of Leven, ..	1166	10	0·8	12	..	..	..	1	0·1	..	..	..	..	11	0·9	12
Helensburgh, ..	454	..	..	7	..	..	5	..	..	..	..	..	..	..	..	12
Total, ..	7743	11	0·1	23	2	0·02	12	1	0·01	4	4	0·05	4	18	0·2	43

7. -Y. Other Diseases and Defects.

School Management Area.	Number of Routine Cases Examined.	Hernia.			Others.			Total.		
		Routine.		Non-Routine.	Routine.		Non-Routine.	Routine.		Non-Routine.
		No.	%		No.	%		No.	%	
Cumbernauld, ...	269	1	0·3	..	4	1·4	8	5	1·8	8
Kirkintilloch, ...	978	16	1·6	..	10	1·0	21	26	2·6	21
New Kilpatrick, ...	387	4	1·0	..	3	0·7	..	7	1·8	..
Old Kilpatrick, ...	3044	20	0·6	2	65	2·1	211	85	2·8	213
Dumbarton, ...	1445	..	..	..	13	0·9	211	13	0·9	211
Vale of Leven, ...	1166	19	1·6	1	13	1·0	223	32	2·6	224
Helensburgh, ...	454	..	..	1	6	1·3	92	6	1·3	93
Total, ...	7743	60	0·7	4	114	1·4	766	174	2·2	770

Previous Illnesses.

School Management Area.	No. of Routine Cases Examined.	Measles.		Whooping-Cough.		Chicken-pox.		Mumps.		Scarlet Fever.		Diph-theria.		Smallpox.		Rheuma-tism.		Fits.		Others.	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Cumbernauld,	269	220	81·8	127	47·2	84	31·2	71	26·4	23	8·5	5	1·8	..	..	1	0·4	..	..	35	13·0
Kirkintilloch,	978	754	77·1	542	55·4	236	24·1	237	24·2	65	6·6	60	6·1	1	0·1	42	4·3	6	0·6	201	20·5
New Kilpatrick,	387	292	76·4	219	56·7	153	39·5	99	25·6	22	5·7	9	2·3	..	..	4	1·0	..	..	62	16·0
Old Kilpatrick,	3044	2482	81·5	1917	62·9	1090	35·8	847	27·8	268	8·8	125	4·1	2	0·1	42	1·4	24	0·7	778	25·6
Dumbarton,	1445	1078	74·6	951	65·8	507	35·1	428	29·6	123	8·5	61	4·2	1	0·1	20	1·4	2	0·1	346	23·5
Vale of Leven,	1166	874	74·9	748	64·1	400	34·3	345	29·6	117	9·0	56	4·8	..	..	14	1·2	3	0 2	284	24·3
Helensburgh,	454	329	72·5	301	66·3	166	36·6	176	38·8	53	11·7	6	1·3	..	..	8	1·8	2	0·4	92	20·3
Total,	7743	6029	77·9	4805	62·1	2636	34·0	2203	28·4	671	8·7	322	4·1	4	0·1	131	1·7	37	0·4	1798	23·2

Vaccination.

School Management Area.	Entrants.			Age 8.			Age 12.			Age 16.			Total.		
	Routine Cases Examined.	Unvaccinated.		Routine Cases Examined.	Unvaccinated.		Routine Cases Examined.	Unvaccinated.		Routine Cases Examined.	Unvaccinated.		Routine Cases Examined.	Unvaccinated.	
		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.		No.	Per Cent.
Cumbernauld, ..	116	56	48·2	104	54	51·9	49	19	39·0	..	..	..	269	129	47·9
Kirkintilloch, ..	281	157	55·8	330	195	59·1	342	83	24·2	25	1	4·0	978	436	44·5
New Kilpatrick,	151	43	28·4	127	39	30·7	99	15	15·1	10	3	30·0	387	100	25·8
Old Kilpatrick,	1067	551	51·6	1062	560	52·7	882	365	41·3	33	5	15·1	3044	1481	48·6
Dumbarton, ..	466	297	63·7	411	241	58·6	492	259	52·6	76	28	36·8	1445	825	57·0
Vale of Leven, ..	435	240	55·1	446	249	55·8	271	155	57·2	14	3	21·4	1166	647	52·4
Helensburgh, ..	147	58	39·4	174	56	32·1	115	32	27·8	18	1	5·5	454	147	32·3
Total, ..	2663	1402	52·6*	2654	1394	52·5*	2250	928	41·2*	176	41	23·3*	7743	3765	49·6*
	*Decrease compared with last year = 7·8%			*Increase compared with last year = 2·8%			*Increase compared with last year = 2·1%			*Increase compared with last year = 2·6%			*Same Percentage as last year		

8.—Special Schools and Classes.

SPECIAL SCHOOLS.—There are three Special Schools in the County—Waverley Park, Kirkintilloch; Milton School, Bowling; and High Street School, Dumbarton.

In Waverley Park Home, which is maintained by the West of Scotland Association for the Care of the Feeble-minded, there is at present no pupil from the county.

Milton Special School, which serves the Old Kilpatrick Area, has three classes for Mentally Defectives, with 48 on the roll, one class for Physically Defectives with 10 on the roll, and two classes for Deaf Mutes, with 16 on the roll, a total of 74.

High Street School, Dumbarton, which serves the Dumbarton and Vale of Leven areas, has four classes for Mentally Defectives, with 66 on the roll, and two classes for Physically Defectives, with 30 on the roll, a total of 96.

The pupils in the Deaf Mute class at Milton are drawn from the whole County, except the parishes of Kirkintilloch and Cumbernauld.

SPECIAL CLASSES—(a) FOR MENTALLY DEFECTIVE CHILDREN.—Lairdsland School, Kirkintilloch, with 14 on the roll; Bearsden Academy, Bearsden, with 12 on the roll: Clyde Street School, Helensburgh, with 9 on the roll—total, 35.

(b) FOR CONSERVATION OF VISION.—Boquhanran School, Clydebank, with 32 on the roll; College Street School, Dumbarton, with 29 on the roll; Lairdsland School, Kirkintilloch, with 7 on the roll—total, 68.

The following are the totals for the County:—

Mentally Defectives, ...	149
Physically Defectives, ...	40
Deaf Mutes, ...	16
Conservation of Vision, ...	68
Total, ...	273

Number of Physically Defective Children in Institutions paid for by the County Council, ...	8
Number of Mentally Defective Children in Institutions paid for by the County Council, ...	—
Blind Persons in training under Blind Persons Act, 1920, (cost of training borne by the County Council and Maintenance by the Local Authority),	
(a) Glasgow Royal Blind Asylum, ...	7
(b) Edinburgh Royal Blind Asylum	2
Total, ...	17

Special Appliances Supplied to Pupils.—During the session the supply or repair of the following special appliances was agreed to by the Committee :—

	Pupils
Special Boots, ...	3
Overshoes, ...	2
Leg Supports, ...	3
Artificial Legs, ...	2
Artificial Eyes, ...	2
Poro-plastic Jacket, ...	1
Repair of Splints, ...	2
Repair of Overshoe, ...	1

9.—Arrangements for Physical Education and Personal Hygiene.

A. Physical Exercises. B. Baths. C. Practical Instruction in Hygiene.

There has been no change with regard to the above. (See Annual Reports, 1914-15, page 72 ; 1919-20, page 41 ; 1920-21, page 38 ; and 1927-28, page 37.)

10.—Feeding of School Children.

There were no meals supplied in any area during the past session.

X-RAY Treatment of Ringworm.

During the session two children were successfully treated for Ringworm of the Scalp by X-ray epilation at Whitecrook Clinic.

Other six cases affecting the scalp were either successfully treated by local medication, or refused X-ray treatment.

Employment of Children.

The number of Licences applied for and granted under the Employment of Children Act, 1903, was as follows :—

	Granted.	Refused.	Total.
Cumbernauld, ...	...	...	...
Kirkintilloch, ...	26	3	29
New Kilpatrick, ...	36	...	36
Old Kilpatrick, ...	130	1	131
Dumbarton, ...	54	2	56
Vale of Leven ...	32	1	33
Helensburgh, ...	16	0	16
Total, ...	294	7	301

11.—ARRANGEMENTS FOR MEDICAL TREATMENT.

See Annual Reports, 1927-28, pages 38, 39, and 40, and 1928-1929, pages 46 to 54.

Treatment of Minor Ailments.

District	Nurse.	Number of Children dealt with.	Total Number of Attendances.	Number of Visits to Parents.	Number of Visits to Clinics or Schools.	Eye Cases.	Throat and Nose Cases.	Ear Cases.	Skin Cases.	Others.
Kirkintilloch, Cumbernauld, (Cumbernauld, S. Muirhead Arns, Southern District, Condorrat)	C. Jeffrey,	952	4583	62	351	170	1	84	654	32
New Kilpatrick Old Kilpatrick (Landward), Cumbernauld (Drumglass and Croy)	J. Scott,	666	4661	168	270	49	20	40	433	124
Old Kilpatrick, (Clydebank, Elgin Street, Our Holy Redeemer's)	S. Dougherty,	613	1858	54	316	94	73	106	304	37
Old Kilpatrick, (Radnor Park, Boquhanran, Dalmuir, St. Stephen's)	E. Lyle,	376	1055	86	299	43	14	101	141	77
Dumbarton, (Academy, Knoxland, College Street, High Street, St. Patrick's)	M. Gilmour,	467	938	26	307	30	3	81	264	59
Dumbarton, (West Bridgend, St. Patrick's High, Clerkhill), Helensburgh, Vale of Leven, (Renton)	E. Stevenson,	529	1423	72	331	49	...	83	309	[illegible]
Vale of Leven, (except Renton)	E. Yule,	458	2489	33	263	23	32	64	322	17
Total.		4061	17,007	501	2137	458	143	559	2427	483

Throat, Nose and Ear Clinics.

	Clydebank.			Kirkintilloch.			Dumbarton.			Total.		
	School	Pre-School	Total	School	Pre-School	Total	School	Pre-School	Total	School	Pre-School	Total
Number of Children examined	289	49	338	150	9	159	326	36	362	765	94	859
Number of Children operated on ..	215	53	268	122	9	131	309	31	340	646	93	739
Attendances with Ambulance	215	52	267	122	9	131	309	31	340	646	92	738
Home visits for after-care	940	98	1038	411	27	438	1229	97	1326	2580	222	2802
Nature of Operations—												
Excision of Tonsils and Adenoids ..	203	42	245	110	9	119	276	29	305	589	80	669
Excision of Tonsils only	..	..	..	..	..	..	..	..	..	..	..	..
Excision of Adenoids only	12	11	23	12	..	12	33	2	35	57	13	70
Others	..	..	..	..	..	..	..	..	..	..	..	..
Causation—												
Discharging Ears	18	6	24	11	1	12	30	2	32	59	9	68
Tonsils much Enlarged	252	44	296	2	1	3	236	21	257	490	66	556
Deafness	36	5	41	10	..	10	26	3	29	72	8	80
Obstructed Breathing and Deafness	35	5	40	..	..	..	20	2	22	55	7	62
Obstructed Breathing	98	53	151	26	1	27	158	14	182	292	68	360
Rhinitis	8	4	12	4	..	4	5	..	5	17	4	21
Tonsillitis	123	7	130	52	3	55	94	9	103	269	19	288
Enlarged Glands	252	44	296	12	1	13	199	16	215	463	61	524
Bronchitis	17	3	20	2	..	2	11	1	12	30	4	34
Various..	37	7	44	9	2	11	46	3	49	92	12	104
Results—												
Progress definite and rapid	215	53	268	118	9	127	306	31	337	639	93	732
Progress retarded	..	..	..	4	..	4	3	..	3	7	..	7
Still on the books	54	8	62	3	..	3	..	..	..	57	8	65
Sent to Hospital	..	..	..	..	..	..	..	..	..	..	..	..

Dental Treatment.

School Management Area.	Number of Children Treated.					Conservation Treatment.					Extractions.				
	Routine Cases.			Number of Emergency cases treated.	Total Number of Cases Treated.	Teeth Filled.		Teeth Conserved by other Treatment.		Total Number of Teeth Conserved.	Teeth Extracted.			Anæsthetics.	
	Number of Cases Inspected.	Number of Cases requiring Treatment.	Actual Number of Cases Treated.			Temporary.	Permanent.	Temporary.	Permanent.		Temporary.	Permanent.	Total No. of Extractions	Local.	General.
Cumbernauld .. (Mr. Martin),	779	472	401	45	446	10	45	34	70	159	452	94	546	365	..
Kirkintilloch .. (Mr. Martin),	338	180	223	78	301	..	28	37	30	95	279	76	355	256	..
Kirkintilloch† .. (Mr. Wydner),	795	789	527	262	789	56	247	1	23	327	1143	362	1505	1451	7
New Kilpatrick (Mr. Martin), ..	393	227	282	304	586	5	52	88	122	267	591	139	730	528	..
Old Kilpatrick .. (Mr. Martin),	407	272	150	317	467	..	39	56	105	200	420	140	560	390	..
Old Kilpatrick .. (Miss M'Kendrick),	7272	4082	1981	668	2649	..	833	..	251	1084	7001	1601	8602	3608	596
Dumbarton .. (Miss Pugh),	1198	892	656	1114	1770	..	563	..	197	760	1747	580	2327	909	184
Vale of Leven .. (Miss Pugh),	114	84	491	1501	1992	..	303	..	180	483	1154	421	1575	752	72
Vale of Leven .. (Mr. Martin),	103	63	50	..	50	..	20	1	14	35	55	5	60	36	..
Helensburgh .. (Mr. Martin),	1044	674	329	560	889	18	271	92	464	845	706	246	952	706	..
Total, ..	12,143	7735	5090	4849	9939	89	2401	309	1456	4255	13,518	3694	17,212	8901	859

Ophthalmic Treatment of School Children.

		School Management Area.																					
		Dumbarton.				Helensburgh.				Kirkintilloch and Cumbernauld.				New Kilpatrick.				Old Kilpatrick.				Vale of Leven.			
		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.		Boys.		Girls.	
		R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.	R.	L.
Defective Vision treated with Spectacles,	H.	28	29	33	31	11	12	7	9	16	17	34	35	2	2	6	6	65	62	53	52	26	27	25	31
	H.A.	20	21	33	35	15	14	13	16	29	29	33	30	7	7	9	9	62	67	80	75	24	23	25	21
	M.	13	13	12	15	5	5	4	4	7	5	4	4	2	1	0	0	11	14	16	15	4	4	6	5
	M.A.	10	8	10	10	4	4	3	1	6	6	10	7	2	3	1	0	15	10	11	16	0	0	4	1
	Mix. A.	4	4	7	4	0	0	4	1	2	2	3	7	1	1	0	1	2	3	4	6	3	3	0	2
Total, ...		75	75	95	95	35	35	31	31	60	59	84	83	14	14	16	16	155	156	164	164	57	57	60	60
Defective Vision too slight to benefit from Spectacles, ..		11	10	6	6	3	3	1	1	12	13	11	13	1	1	1	1	11	11	25	25	3	3	5	4
Defective Vision otherwise treated,..		8	9	5	5	4	4	2	2	9	9	13	12	2	2	0	0	19	18	23	23	3	3	7	8
Total Number of Children Examined, ...		94		106		42		34		81		108		17		17		185		212		63		72	
Re-Examinations,..		140		150		28		24		85		113		14		16		260		290		76		78	

Total Number of Children Examined—1031.
Total Number of Spectacles supplied—747.

Ophthalmic Treatment of School Children—*Continued.*

Complications.	School Management Area.											
	Dumbarton.		Helensburgh.		Kirkintilloch and Cumbernauld.		New Kilpatrick.		Old Kilpatrick.		Vale of Leven.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
Blepharitis, ...	..	..	1	1	6	5	1	..	11	14	3	2
Dacryocystitis	..	..	..	..	..	..	..	..	..	1	..	..
Strabismus convergens, ..	26	28	16	9	18	16	1	5	56	51	23	25
Strabismus divergens, ..	1	2	..	..	..	1	..	..	2	2	..	..
Conjunctivitis and Keratitis,	3	..	2	..	5	4	..	1	12	15	..	2
Opacity of Cornea	2	5	2	4	2	9	1	..	16	10	6	5
Synechia anterior, ...	1	..	..	1	..	..	..	..	1	..	..	..
Synechia posterior	..	..	1	..	..	..	..	..	..	..	..	..
Aphakia, ...	..	..	..	..	..	1	..	..	..	..	..	..
Opacity of Lens, ...	1	..	..	1	..	..	1	..	3	..	1	2
Dislocation of Lens, ...	..	..	..	..	..	..	..	..	..	1	..	..
Choroido-Retinitis.	..	..	..	..	..	1	..	..	..	3	1	1
Retinitis pigmentosa,.. ..	..	..	..	..	..	..	..	..	..	1	..	..
Optic Atrophy, ...	..	..	..	..	..	..	..	..	..	..	..	..
Coloboma Uveae, ...	2	..	..	..	..	..	..	..	..	..	..	..
Nystagmus, ...	2	2	1	..	..	..	1	..	2	2	..	..
Albinism, ...	3	1	..	..	..	..	..	..	1	..	..	..
Microphthalmia	2	..	..	..	..	..	..	..	..	..	..	..
Phthisis Bulbi, ...	1	1	..	..	..	..	..	..	..	..	..	..
Anophthalmos, ...	1	..	..	..	..	..	..	..	..	..	..	1

Report by School Nurses.

District.	Nurse.	Number of Children examined.	Total number of Inspections.	Number of Visits to Parents or Schools.	Vermin or Nits on head.	Vermin or Nits on body.	Vermin Suspected.	Unsatisfactory Clothing.	Unsatisfactory Footgear.	Others.
[illegible] Milloch, [illegible]ernauld, S. [illegible]cal Arms, [illegible]ern Dis-[illegible], Condorrat)	C. Jeffrey,	341	1124	61	179	24	130	8	..	..
[illegible] Kilpatrick, [illegible]kilpatrick, [illegible]ward), [illegible]ernauld [illegible]glass and [illegible]	J. Scott,	353	1793	176	268	18	62	50	6	3
[illegible] Kilpatrick, [illegible]tank, Elgin [illegible], Our Holy [illegible]mer's)	S. Dougherty,	424	2560	77	130	12	220	25	11	90
[illegible] Kilpatrick, [illegible] Park, [illegible]ahanran, Dal-[illegible], St. [illegible]den's)	E. Lyle,	299	2017	87	199	16	42	28	8	14
[illegible]arton, [illegible]emy, Knox-[illegible] College [illegible], High [illegible], St. [illegible]rick's)	M. Gilmour,	413	1418	76	343	45	4	16	6	24
[illegible] of Leven, [illegible] Renton)	E. Yule,	384	1644	77	277	98	49	14	34	..
[illegible]arton, (West [illegible], St. [illegible]rick's High, [illegible]), [illegible] of Leven, [illegible]ton), [illegible]burgh,	E. Stevenson,	510	2715	243	422	43	322	1	..	85
Total,		2724	13,271	797	1818	256	829	142	65	216

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